

## Notes on the True Neuroptera.

BY J. F. McCLENDON.

(Plate VIII)

3. *A Catalogue of Texas Neuroptera.*

Very few Neuroptera have been recorded from Texas, and I am writing the following list in the hope that it will encourage others to make a more thorough study of this interesting group in that region. Through the kindness of Dr. Samuel Henshaw I was allowed to examine the specimens in the Museum of Comparative Zoology, and Dr. L. O. Howard and Mr. R. P. Currie gave me every facility in looking over those in the National Museum. Mr. Nathan Banks, Asst. Entomologist, Dept. of Agriculture, let me study his collection, which contains more Texas material than that of any museum I have visited. Most Texas material is scanty and merely labeled "Texas," and in some cases the genus only could be identified. Where the collector's name was not known I have inserted the name of the owner or donor of the specimens. In many cases I refer to a monograph rather than the original description of a species, and have omitted the author's name where it is included in the name of the species.

## SIALIDÆ.

**SIALIS** Latr. (*Sialis* sp.? Austin, McClendon).**CORYDALIS** Latr.

*cornuta* Linn., Hagen, '61,\* Columbus, E. A. Schwarz; Austin, McClendon.

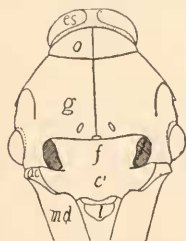


Fig. 1.—*Corydalis texana*, dorsal view of head and neck.

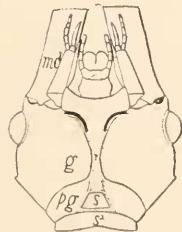


Fig. 2.—*Corydalis texana*, ventral view of head and neck.



Fig. 3.—*Corydalis texana*, labium and hypopharynx of larva.

\* Synopsis of Neuroptera of North America, by Hermann Hagen. Smithsonian Institute

*cognata* Hag., '61,\* Pecos River, Hagen.

*crassicornis* McLach., '67, Jour. Linn. Soc. Zool., v. 9, p. 233, San Antonio, A. Agassiz.

*immabilis* McLach., '67, Jour. Linn. Soc. Zool., v. 9, p. 235, Waco, Bel-  
frage.

*texana* Banks, Jour. N. Y. Ent. Soc., v. 11, p. 239, Laredo, McClendon.

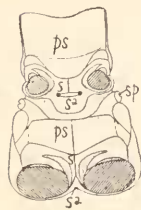


Fig. 4.—*Corydalis texana*, ventral view of thorax.

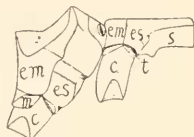


Fig. 5.—*Corydalis texana*, lateral view of thorax.

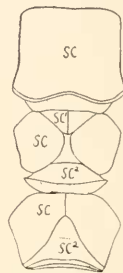


Fig. 30.—*Corydalis texana*, tergites of the thorax.

## RAPHIDIDÆ.

### RAPHIDIA Linn.

*oculata* Banks, '05, Trans. Am. Ent. Soc., v. 32, p. 4, Austin, McClendon.

## MANTISPIDÆ.

### MANTISPA Ill.

*brunnea* Say, Hagen, '61, Dallas, Riley; Victoria, Hinds, Morrill; San Antonio, Marlatt.

*interrupta* Say, Hagen, '61, Victoria, Caudell; Brownsville, E. A. Schwarz, H. Barber; San Antonio, Banks; Austin, McClendon.

## CONIOPTERYGIDÆ.

**CONIOPTERYX** Halid. (*Coniopteryx* n sp., Brownsville, Barber).

## CHRYSOPIDÆ.

### LEUCOCHRYSA McLach.

*antennata* Banks, '05, Trans. Am. Ent. Soc., v. 32, p. 5, Brownsville, H. Barber.

*americana* Banks, '97, Proc. Ent. Soc. Wash., v. 4, p. 175, Austin, McClendon.

### CHRYSOPA Leach.

*oculata* Say, Hagen, '61, Austin.

*rufilabris* Burm., Hagen, '61, Columbus, Schwarz; Victoria, Schwarz; Austin, McClendon.

*quadripunctata* Burm., Hagen, '61, Austin, McClendon.

*sulphurea* Fitch, Hagen, '61, Austin, McClendon.

*plorabunda* Fitch, Hagen, '61, Greenville, H. Barber; Austin, McClendon.

*externa* Hagen, '61, Greenville, H. Barber; Austin, McClendon.

*punctinervis* McLach., '69, Ent. Month. Mag., '69, p. 24, Texas, McLach.

*bimaculata* McClendon, '01, Psyche, v. 9, p. 215, Brownsville, H. Barber; Austin, Banks; San Antonio, Banks; Laredo, McClendon.

## HEMEROBIDÆ.

### HEMEROBIUS Linn.

*castaneæ* Fitch, Hagen, '61, Texas, Belfrage.

*perparvus* McLach., '69, Ent. Month. Mag., '69, p. 21, Texas, McLachlan.

### MICROMUS Rambur.

*angustus* Hagen, '86, Proc. Bost. Soc. Nat. Hist., '86, p. 287, Texas, Belfrage.

*insipidus* Hagen, '61, Columbus, Schwarz.

*posticus* Walk., B. M. Cat., Neur., p. 283, Victoria, Schwarz; Austin, McClendon.

### CLIMACIA McLachlan.

*areolis* Hagen, '61, Columbus, Schwarz; Texas, Belfrage.

### LOMAYIA Banks.

*texana* Banks, '97, Trans. Am. Ent. Soc., v. 4, p. 24, Brownsville, H. Banks; Central Texas, Banks.

## MYRMELEONIDÆ.

(MYRMELEONINÆ.)

### ACANTHACLISIS Rambur.

*texana* Hagen, '87-8, Canad. Ent., p. 197, Texas, Hagen.

### DENDROLEON Hagen.

*obsoletus* Say, Hagen, '61, Blanco Co., Am. Ent. Soc.

### PSAMMOLEON Banks.

*ingeniosus* Walk., Hagen, '61, Columbus, Riley; Brownsville and Alice, Barber; Blanco Co., Am. Ent. Soc.; Austin, McClendon.

### BRACHYNEMURUS Hagen.

*carrizonus* Hag., '87-8, Canad. Ent., p. 93, Blanco Co., Am. Ent. Soc.; Brownsville, H. Barber; San Diego, Schwarz; College Station, Banks; Carrizo Springs, Hagen; Austin, McClendon.

*abdominalis* Say, Hagen, '61, Brazos Co., Banks; Victoria, W. E. Hinds; Alice, H. Barber; Blanco Co., Am. Ent. Soc.; Dallas, Boll; Carrizo Springs, Hagen; Austin, McClendon.

*longicaudus* Burm., Hagen, '61, Texas, Riley.

*peregrinus* Hag., '61, Matamoros, Hagen.

*sackeni* Hag., '87-8, Round Mountain, Am. Ent. Soc.; Dallas, Boll.

*irregularis* Currie, '06, Proc. Ent. Soc., Wash.; Columbus, Schwarz.

*hubbardi* Currie, '98, Canad. Ent., v. 30, p. 93, = *cockerelli* Banks; Carrizo springs, Dr. A. Wadgymer; Columbus, Am. Ent. Soc.

*texanus* Banks, '03, Jour. N. Y. Ent. Soc., '03, p. 240, Amarillo, Cockerell; Laredo, McClendon.

*dorsalis* Banks, '63, Jour. N. Y. Ent. Soc., '03, p. 240, Laredo.

*curriei* McClendon, '06, ENT. NEWS, v. 17, p. 93, Brownsville, Esperanzo, Los Barregos, Barber.

### MYRMELEON Linn.

*immaculatus* DeGeer, Hagen, '61, Texas, Hagen.

*rusticus* Hagen, '61, Brownsville, H. Barber; Victoria, Caudell, J. Mitchell, Schwarz; Columbus, San Diego, Schwarz; Pecos River, Hagen; Matamoros, Hagen; Austin and Laredo, McClendon.

*texanus* Banks, '00, ENT. NEWS, v. 11, p. 596, Columbus, Schwarz; Galveston, McClendon.

**NEUROPTYNX** n. gen. (= *Plynx* Lefeb., preoccupied).

*juvenilis* McLach., '71, Jour. Linn. Soc. Zool., Dallas Boll.; Austin McClendon.

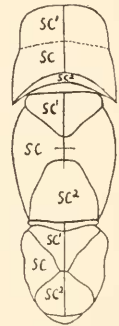


Fig. 31.—*Myrmeleon rusticus*, tergites of the thorax.

### ULULODES Currie (*Ulula* Ramb.)

*hyalina* Latr. Hagen, '61, Dallas, H. Barber, Boll.; Austin, A. W. Morrill, McClendon; Bosque Co., Belfrage; Columbus, Schwarz; Waco, Galveston and Laredo, McClendon; Brownsville, H. Barber.

### PANORPIDÆ.

#### BITTACUS Latr.

*occidentis* Walk., Hagen, '61, Texas, Banks.

#### PANORPA Linn.

*nuptialis* Gerst., '63, Stet. Ent. Zeit. '63, p. 24, Jonesville, Mally; College Station, Banks; Victoria, Calvert, A. W. Morrill; Dallas, Boll; Austin, McClendon, Norman.

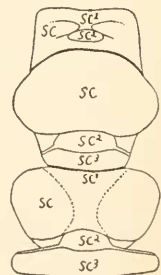


Fig. 32.—*Panorpa nuptialis*, tergites of the thorax.

